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Substitute for form 1449A/PTO

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number	10/804,787
Filing Date	March 19, 2004
First Named Inventor	Jeffery A. Hubbell
Group Art Unit	1773
Examiner Name	
Attorney Docket Number	CIT 2616 CON

Sheet 1 of 6

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
MJ		4,360,646		Denkewalter, et al.	11-23-1982	
MJ		4,822,867		Erhan	04-18-1989	
MJ		4,886,836		Gsell, et al.	12-12-1989	
MJ		5,250,613		Bergstrom et al.	10-05-1993	
MJ		5,330,911		Hubbell, et al.	07-19-1994	
MJ		5,344,455		Keogh, et al.	09-06-1994	
MJ		5,414,075		Swan, et al.	05-09-1995	
MJ		5,459,054		Skjak-Braek, et al.	10-17-1995	
MJ		5,462,990		Hubbell, et al.	10-31-1995	
MJ		5,470,731		Cochrum	11-28-1995	
MJ		5,507,804		Llanos	04-16-1996	
MJ		5,512,492		Herron, et al.	04-30-1996	
MJ		5,543,326		Heller, et al.	08-06-1996	
MJ		5,629,213		Kornquth et al.	05-13-1997	
MJ		5,658,622		Berlin, et al.	08-19-1997	

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		Office. ⁴	Number ⁴	Kind Code ⁵ (if known)				
MJ		GB	0 798 604		Du Pont	07-23-1958		
MJ		EP	0 561 239		Bayer AG	09-22-1993		
MJ		EP	0 622 179		Tetra Laval Holdings & Finance S.A.	11-02-1994		
MJ		EP	0 762 122		Bayer AG	03-12-1997		
MJ		PCT	WO 91/07951		Trancel Corporation	06-13-1991		

Examiner's Signature	/Monique Jackson/	Date Considered	06/25/2006
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MJ		6,235,340		Lee, et al.	05-22-2001	
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MJ		PCT	WO 92/06678		Board of Regents, the University of Texas System	04-30-1992	
MJ		PCT	WO 93/07298		Abbott Laboratories	04-15-1993	
MJ		PCT	WO 93/24076		The Regents of the University of California	12-09-1993	
MJ		PCT	WO 94/27137		University of Utah Research Foundation	11-24-1994	
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MJ		PCT	WO 95/09883		Board of Regents, the University of Texas System	04-13-1995		
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MJ		PCT	WO 98/47948 A1		California Institute of Technology	10-29-1998		

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Sheet	4	of	6	Attorney Docket Number		CIT 2616 CON

OTHER ART – NON PATENT LITERATURE DOCUMENTS				
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²	
MJ		ARNOLD & RECHNITZ, "Selectivity enhancement of a tissue-based adenosine-sensing membrane electrode," <i>Anal. Chem.</i> 53(3):515-8 (1981).		
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MJ		KODAMA, et al., Establishment of a clonal osteogenic cell line from newborn mouse calvaria," <i>Jpn. J. Oral Biol.</i> 23:899-901 (1981).		
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Sheet 5 of 6	Attorney Docket Number	CIT 2616 CON	

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MJ		MULCHANDINI, et al., "Biosensor for direct determination of organophosphate nerve agents using recombinant Escherichia coli with surface-expressed organophosphorus hydrolase. 1. Potentiometric microbial electrode," <i>Anal. Chem.</i> 70(19):4140-5 (1998).	
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MJ		RAMSDEN, Review of new experimental techniques for investigating random sequential adsorption," <i>Journal of Statistical Physics</i> 73 (5/6):853-877 (1993).	
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M.J.		4,289,872		Denkewalter, et al.	09-15-1981	
M.J.		4,410,688		Denkewalter, et al.	10-18-1983	
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M.J.		5,908,624		Scott, et al.	06-01-1999	
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M.J.		PCT	WO 93/18649		Desai, et al.	09-30-1993	
M.J.		PCT	WO 97/28254		Biomedical Frontiers, Inc.	08-07-1997	

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MJ		BRINK, et al., "Using poly(ethylene imine) to graft poly(ethylene glycol) or polysaccharide to polystyrene," <i>Colloids & Surfaces</i> 66: 149-156 (1992).		
MJ		CHAPMAN, et al., "Hydraamphiphiles: novel linear dendritic block copolymer surfactants," <i>J. Am. Chem. Soc.</i> 116: 11195-11196 (1994).		
MJ		CLAESSON, et al., "Adsorption and interaction of a graft copolymer of poly(ethylene imine) and poly(ethylene oxide)," <i>Colloids & Surfaces</i> 112: 131-139 (1996).		
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		Application Number	09/403,428		
		Filing Date	January 6, 2000		
		First Named Inventor	Jeffrey A. Hubbell		
		Group Art Unit			
		Examiner Name			
Sheet	3	of	5	Attorney Docket Number	CIT 2616 CON

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MJ		DECHER & HONG, "Buildup of ultrathin multilayer films by a self-assembly process: II. Consecutive adsorption of anionic and cationic bipolar amphiphiles and polyelectrolytes on charged surface," <i>Ber. Bunsenges. Phys. Chem.</i> 95: 1430-1434 (1991).	
MJ		DECHER, et al., "Proof of multilayer structural organization in self-assembled polycation-polyanion molecular films," <i>Thin Solid Films</i> 244: 772-777 (1994).	
MJ		GITSOV, et al., "Novel polyether copolymers consisting of linear and dendritic blocks," <i>Angew. Chem. Int. Ed. Engl.</i> 31: 1200-1202 (1992).	
MJ		HAMACHI, et al., "Immobilization of myoglobin in a multilayer film of two-dimensional polymer network," <i>Chem. Lett.</i> 2227-2230 (1991).	
MJ		HERBERT, et al., "Newrite growth from chick dorsal root ganglia entrapped within three-dimensional fibrin gels mixed with copolymers of poly(acrylic acid) and bioactive peptides," <i>Dissertation</i> (1996).	
MJ		HOOGEVEEN, et al., "Adsorption of charged block copolymers with two adsorbing blocks," <i>Faraday Discuss.</i> 98: 161-172 (1994).	
MJ		HOOGEVEEN, et al., "Formation and stability of multilayers of polyelectrolytes," <i>Langmuir</i> 12: 3675-3681 (1996).	
MJ		HOOGEVEEN, et al., "Novel water-soluble block copolymers of dimethylaminoethyl methacrylate and dihydroxypropyl methacrylate," <i>Macromol. Chem. Phys.</i> 197: 2553-2564 (1996).	
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MJ		IIO, et al., "Synthesis of polyallylamine derivatives with N-carbamoylguanidine groups," <i>J. Polym. Sci.</i> 32: 3189-3191 (1994).	

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		First Named Inventor	Jeffrey A. Hubbell		
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MJ		ISHIHARA, et al., "Selective adhesion of platelets on a polyion complex composed of phospholipid polymers containing sulfonate groups and quaternary ammonium groups," <i>J. Biomed. Mater. Res.</i> 28: 1347-1355 (1994).	
MJ		KATAOKA, et al., "Differential attachment of lymphocyte subpopulations on poly(2-hydroxyethyl methacrylate)-graft-polyamine copolymers with different degrees of quaternization," <i>J. Colloid Interface Sci.</i> 180: 242-250 (1996).	
MJ		KOYO, et al., "Synthesis of novel types of segmented polyamineurea and polyamine-poly(ethylene oxide) block copolymer," <i>Polym. J.</i> 25: 141-152 (1993).	
MJ		PRATTEN, et al., "Micelle-forming block copolymers: pinocytosis by macrophages and interaction with model membranes," <i>Makromol. Chem.</i> 186: 725-733 (1985).	
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MJ		SITTINGER, et al., "Encapsulation of artificial tissues in polyelectrolyte complexes: preliminary studies," <i>Biomaterials</i> 17: 1049-1051 (1996).	
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MJ		TOMALIA & DURST, "Genealogically directed synthesis: starburst*/cascade dendrimers and hyperbranched structures," in <i>Supramolecular Chemistry I: Directed Synthesis and Molecular Recognition Topics in Current Chemistry</i> (Weber, ed.) Springer-Verlag: Berlin, pp. 193-1313 (1993).	
MJ		TRONIN, et al., "Ellipsometry and x-ray reflectometry characterization of self-assembly process of polystyrenesulfonate and polyallylamine," <i>Colloid Polym. Sci.</i> 272: 1317-1321 (1994).	

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MJ		WANG & HUANG, et al., "Synthesis of peg-dendrimeric peptide," <i>Chinese Chem. Lett.</i> 7: 693-694 (1996).	
MJ		WILLNER, et al., "Development of novel biosensor enzyme electrodes: glucose oxidase multilayer arrays immobilized onto self-assembled monolayers of electrodes," <i>Adv. Mater.</i> 5: 912-915 (1993).	

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